

IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please **AMEND** claims 1-4, 6-8, 10-12, 14, 16, 18, and 22 as follows.

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1. (CURRENTLY AMENDED) A status notification method comprising:
determining status of a user using a first information terminal;
directly transmitting the status of the user from the first information terminal to a mobile terminal of the user via an ad hoc local area network~~electronic information transmission medium~~;
determining at the user mobile terminal whether the received status of the mobile terminal user from the first information terminal is one a plurality of user statuses previously stored in the user mobile terminal;
transmitting the received user status in real-time from the user mobile terminal to a predetermined second information terminal via a mobile communications network, according to the determining; and
outputting at the second information terminal the ~~received~~ user status received from the user mobile terminal via the mobile communications network.

2. (CURRENTLY AMENDED) A status notification method as set forth in claim 1, wherein the ~~electronic transmission medium~~ad hoc local area network is a wireless electronic communications channel.

3. (CURRENTLY AMENDED) A status notification method as set forth in claim 1, wherein the ~~electronic transmission medium~~ad hoc local area network is a wire electronic communications line.

4. (CURRENTLY AMENDED) A status notification system, comprising:
at least one first information terminal comprising a user status generating device determining an identity and a status of a user according to a status of the first information terminal and directly transmitting via an ad hoc local area network the determined user identity and the user status in real-time;
a mobile terminal of the user in communication with the at least one first information terminal via the ad hoc local area network and directly receiving the mobile terminal user identity and status transmitted in real-time via the ad hoc local area network from the at least one first information terminal, determining whether the received mobile terminal user identity matches a user identity stored in the user mobile terminal, and transmitting the received mobile terminal user status according to the determining; and
a second information terminal in mobile communication network with the at least one mobile terminal and receiving the user status transmitted from the user mobile terminal via the mobile network and outputting the received user status.

5. (PREVIOUSLY PRESENTED) The status notification system as set forth in claim 4, wherein said generating device, based on the status of the first information terminals, prepare a status list listing each possible status of the user, select one of the user statuses from the status list, and transmit both the status list and the selected user status to the mobile information terminal which transmits both the status list and the select user status to the second information terminal.

6. (CURRENTLY AMENDED) A user status generating device provided in an information terminal running a predetermined application, comprising:
identification means for obtaining from the running application identification information of a user of the running application;
decision means for determining a status of the user based on a status of the running application; and
transmitting means for directly connecting with an external mobile terminal of the user through an ~~electronic information transmission medium~~ ad hoc local area network and transmitting the user identification information and the user status to the external mobile terminal of the user via the ad hoc local area network.

7. (CURRENTLY AMENDED) A mobile terminal transmitting device in communication with ~~another communication device~~ on a mobile communications network ~~connecting to a network device and in real-time communication with external information terminals~~, said transmitting device, comprising:

receiving means for directly connecting in real-time with an external information terminal through ~~an electronic information transmission medium~~ an ad hoc local area network, and receiving identification information and a status of a user of the mobile terminal from the connected external information terminal via the ad hoc local area network;

authorization means for authorizing the user of the mobile terminal based on the ~~received mobile terminal user identification information~~ received via the ad hoc local area network from the external information terminal; and

transmitting means for transmitting the received mobile terminal user status to another communication device ~~via the communication device to the network device~~ mobile communications network based on the authorizing.

8. (CURRENTLY AMENDED) A mobile terminal transmitting device in communication with ~~a communication device~~ connecting to a network device via a mobile communications network ~~and in real-time communication with external information terminals~~, said transmitting device comprising:

storage means for storing user identification information for authorization of an external device that reports a status of the user of the mobile terminal via an ad hoc local area network connection;

receiving means for directly connecting in real-time with ~~an~~ the external information terminal through ~~an electronic information transmission medium~~ the ad hoc local area network and receiving identification information and ~~a~~ the status of ~~a~~ the user of the mobile terminal from the connected external information terminal via the ad hoc local area network;

authorization means for authorizing the user of the mobile terminal based on the ~~received mobile terminal user identification information~~ received via the ad hoc local area network and the stored user identification information; and

transmitting means for transmitting the received mobile terminal user status to the network device ~~via the communication device to the network device~~ mobile communications network based on the authorizing.

9. (CANCELLED)

10. (CURRENTLY AMENDED) A computer-readable recording medium wherein a user-status-generating program is stored to control information terminals, which run a predetermined application, according to a process comprising:

obtaining from the running application identification information of a user of the running application;

determining a status of the user based on a status of the running application;

connecting directly to an external mobile terminal of the user through an ad hoc local area network~~electronic information transmission medium~~; and

transmitting the user identification information and the user status to the external mobile terminal of the user via the ad hoc local area network.

11. (CURRENTLY AMENDED) A computer-readable recording medium storing a mobile-terminal status-transmitting program controlling a user mobile terminal, which is in communication with ~~a communication device connecting to a network device~~another communication device on a mobile communications network~~and in real-time communication with external information terminals~~, according to a process comprising:

connecting directly in real-time to an external information terminal through ~~an electronic information transmission medium~~an ad hoc local area network;

receiving identification information and a status of a user of the mobile terminal from the connected external information terminal;

authorizing the mobile terminal user based on the ~~received~~ mobile terminal user identification information received via the ad hoc local area network from the external information terminal;

transmitting the received mobile terminal user status to another communication device via the ~~communication device to the network device~~mobile communications network based on the authorizing.

12. (CURRENTLY AMENDED) A computer-readable recording medium storing a mobile terminal status-transmitting program controlling a mobile terminal, which is in communication with ~~another~~ another communication device connecting to a network device on a mobile communications network and in real time communicating with external information terminals, according to a process comprising:

storing ~~mobile terminal~~ user identification information of the mobile terminal authorizing an external device that reports a status of the user of the mobile terminal via an ad hoc local area network connection;

connecting directly in real-time with ~~an~~ the external information terminal through an electronic information transmission medium the ad hoc local area network;

receiving identification information and ~~at~~ the status of a ~~the~~ user of the mobile terminal from the connected external information terminal via the ad hoc local area network;

authorizing the mobile terminal user based on the ~~received~~ received user identification information received via the ad hoc local area network and the stored mobile terminal user identification information; and

transmitting the received user status to ~~the network device~~ another communication device via the mobile communications network based on the authorizing.

13. (CANCELLED)

14. (CURRENTLY AMENDED) The system of claim 4, wherein the mobile terminal of the user and the at least one first information terminal automatically connect to each other according to the ad hoc local area network, if the mobile terminal is within a predetermined communication range of the at least one first information terminal.

15. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status generating device of the first information terminal determines the identity of the user according to a password or a user name input by the user when booting the first information terminal.

16. (CURRENTLY AMENDED) The system of claim 4, wherein the mobile terminal of the user and the at least one first information terminal are in communication by a wire or wireless~~ly~~ wireless ad hoc local area network.

17. (PREVIOUSLY PRESENTED) The system of claim 6, wherein the identification means obtains the user identification information according to a password or a user name input by the user to the application.

b1 18. (CURRENTLY AMENDED) The system of claim 4, wherein a plurality of mobile terminals are in communication with the at least one first information terminal via the ad hoc local area network and the user status generating device of the at least one first information terminal determines the user identity and status of each mobile terminal user and transmits the determined user identity and status to each respective user mobile terminal via the ad hoc local area network.

19. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status is determined according to a status of at least one executing application by the user in the at least one first information terminal and the user status comprises at least one of email status information, Internet telephone usage information, and computer file usage information.

20. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status generating device is a component of an executing application by the user in the at least one first information terminal and the user status is determined by the application component according to a status of the executing application.

21. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status is determined according to a status of at least one executing application by the user in the at least one first information terminal and the executing applications comprise at least one of a text editor, an Internet phone application, and an email application.

22. (CURRENTLY AMENDED) The system of claim 4, wherein a plurality of user mobile terminals are in communication with the at least one first information terminal via the ad hoc local area network; and

b1 the user status generating device of the at least one first information terminal determines each user identity and transmits each determined user identity to each respective user mobile terminal via the ad hoc local area network, and determines each user status according to a status of at least one executing application by each user in the at least one first information terminal and transmits each determined user status to each respective user mobile terminal via the ad hoc local area network.
